

Amendment to the Title:

Please replace the title with the following title:

CLASS D ~~ELECTROACOUSTIC~~ AUDIO AMPLIFIER AND METHOD FOR
COMPENSATION OF POWER SUPPLY VOLTAGE INFLUENCE ON OUTPUT AUDIO
SIGNAL IN CLASS D ~~ELECTROACOUSTIC~~ AUDIO AMPLIFIER

Amendment to the Specification:

Please delete the paragraph beginning at page 1 line 5, which starts with “TECHNICAL FIELD” and ends with “... in the class D electroacoustic amplifier.”

Please add the following new paragraph after the title:

CROSS-REFERENCE TO RELATED APPLICATIONS

This is a National Stage Application of International Patent Application No. PCT/PL 03/00006, with an international filing date of January 18, 2003, which is based on Polish Patent Application No. P-351783, filed January 21, 2002.

Please replace the heading at page 1 line 10: “**BACKGROUND ART**” with the following new paragraph:

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention relates to a class D electroacoustic amplifier, i.e. a class D audio amplifier, and a method for compensation of power supply voltage influence on an output audio signal in the class D audio amplifier.

2. Brief Description of the Background of the Invention Including Prior Art

Please replace the heading at page 2 line 7: “**DISCLOSURE OF INVENTION**” with the following new paragraph:

SUMMARY OF THE INVENTION

1. Purposes of the invention

It is an object of this invention to provide a device and a method for increasing quality of audio signals at the output of audio amplifiers.

This and other objects and advantages of the present invention will become evident from the description which follows.

2. Brief Description of the Invention

Please add the following new paragraph at page 4 after line 2:

The novel features which are considered as characteristic for the invention are set forth in the appended claims. The invention itself, however, both as to its construction and its method of operation, together with additional objects and advantages thereof, will be best understood from the following description of specific embodiments when read in connection with the accompanying drawings.

Please replace the heading at page 4 line 16: **“BEST MODE FOR CARRYING OUT THE INVENTION”** with the following new heading:

DESCRIPTION OF INVENTION AND PREFERRED EMBODIMENT

Please add the following new paragraphs at page 8 after line 11:

It will be understood that each of the elements described above, or two or more together, may also find a useful application in other types of amplifiers differing from the types described above.

While the invention has been illustrated and described as embodied in the context of a

class D audio amplifier, it is not intended to be limited to the details shown, since various modifications and structural changes may be made without departing in any way from the spirit of the present invention.

Without further analysis, the foregoing will so fully reveal the gist of the present invention that others can, by applying current knowledge, readily adapt it for various applications without omitting features that, from the standpoint of prior art, fairly constitute essential characteristics of the generic or specific aspects of this invention.

What is claimed as new and desired to be protected by Letters Patent is set forth in the appended claims.